

Title (en)  
ULTRA-THIN PHOTO-POLYMERIC COATINGS AND USES THEREOF

Title (de)  
ULTRADÜNNE PHOTOPOLYMER-BESCHICHTUNGEN UND VERWENDUNGEN DAVON

Title (fr)  
ENDUITS PHOTOPOLYMERES ULTRAMINCES ET LEURS UTILISATIONS

Publication  
**EP 1945380 A2 20080723 (EN)**

Application  
**EP 06837023 A 20061108**

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Abstract (en)  
[origin: WO2007056338A2] The invention provides methods for forming ultra-thin hydrophilic polymeric coatings on articles, as well as articles formed therefrom. The coatings are formed by irradiating a composition including a polymer having pendent photoreactive groups while the composition is in contact with a surface of the article.

IPC 8 full level  
**B05D 5/04** (2006.01); **A61L 27/34** (2006.01); **A61L 29/08** (2006.01); **A61L 31/10** (2006.01); **B05D 3/06** (2006.01); **C08J 7/04** (2006.01); **C09D 5/00** (2006.01)

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**A61L 27/34** (2013.01 - EP US); **A61L 29/085** (2013.01 - EP US); **A61L 31/10** (2013.01 - EP US); **B01D 67/0088** (2013.01 - EP US); **B01D 67/00933** (2022.08 - EP US); **B01D 71/36** (2013.01 - EP US); **B82Y 30/00** (2013.01 - EP US); **A61L 2420/02** (2013.01 - EP US); **B01D 2323/02** (2013.01 - EP US); **B01D 2323/345** (2013.01 - EP US); **B01D 2323/38** (2013.01 - EP US); **B01D 2325/04** (2013.01 - EP US); **B05D 1/18** (2013.01 - EP US); **B05D 3/061** (2013.01 - EP US); **B05D 7/02** (2013.01 - EP US); **Y10T 428/24322** (2015.01 - EP US); **Y10T 428/249953** (2015.04 - EP US); **Y10T 428/26** (2015.01 - EP US); **Y10T 428/265** (2015.01 - EP US); **Y10T 428/31725** (2015.04 - EP US); **Y10T 428/31855** (2015.04 - EP US)

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